

# Viral Immunology Symposium

**Becton Dickinson Lecture Hall  
Johns Hopkins Bloomberg School of Public Health  
July 23, 2007**

*Sponsored by the Bill and Melinda Gates Foundation and the National Institute of Allergy and Infectious Diseases*

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| 9:00  | Welcome  |
| 9:05  | <b>Michael Diamond – Washington University, St. Louis</b><br><i>The protective early innate immune response against WNV: the role of IRF-3 and IRF-7</i>                                     |
| 9:35  | <b>Barbara Rehermann - NIDDK</b><br><i>Host factors involved in the control of hepatitis C virus infection</i>   |
| 10:05 | <b>Andrea Cox – Johns Hopkins University</b><br><i>Evasion of the adaptive immune response by hepatitis C virus: It can run AND hide</i>   |
| 10:35 | Coffee Break   |
| 11:00 | <b>Jonathan Yewdell - NIAID</b><br><i>Paradigm lost: Visualizing priming of anti-viral CD8+ T cells in living animals reveals a novel area of immune interaction</i>                         |
| 11:30 | <b><u>Keynote:</u> Takashi Fujita – Kyoto University</b><br><b><i>RIG-I family helicases: Cytoplasmic sensor for non-self RNA</i></b>  |
| 12:30 | Lunch  |
| 1:30  | <b>Jonathan Schneck – Johns Hopkins School of Medicine</b><br><i>Microarray analysis of cellular heterogeneity: development of high-throughput technology for analyzing T cell responses</i> |
| 2:00  | <b>Susan Weiss – University of Pennsylvania</b><br><i>The role of CD8+ T cells in pathogenesis of a neurovirulent murine coronavirus</i>   |
| 2:30  | <b>Richard Koup – NIH Vaccine Research Center</b><br><i>Quality and regulation of T cell responses to human viral infections</i>   |
| 3:00  | Coffee Break   |

- 3:20      **Kim Hasenkrug – NIAID/RML**  
*Immunoregulation during retroviral infection*
- 3:50      **John Wherry – Wistar Institute**  
*Altered memory CD8 T cell differentiation and homeostasis during chronic viral infection*
- 4:20      **Jay Berzofsky - NCI**  
*Overcoming deficiency of CD4 T cell help to induce a long-lived CD8 CTL response to a viral vaccine*
- 4:50      **Gary Nabel – NIH Vaccine Research Center**  
*Rational design of AIDS and influenza vaccines*
- 5:30      Reception